

Goat anti-BARK1 / GRK2 Antibody

Item Number	dAP-0819
Target Molecule	Principle Name: BARK1 / GRK2; Official Symbol: ADRBK1; All Names and Symbols: BARK1; GRK2; ADRBK1; adrenergic, beta, receptor kinase 1; BETA-ARK1; beta adrenergic receptor kinase 1; Accession Number (s): NP_001610.2; Human Gene ID(s): 156; Non-Human GeneID(s): 110355 (mouse)
Immunogen	RDAYREAQQLVQR, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 75-80kDa band observed in Human lysates of Burkitt's lymphoma cell line Daudi (calculated MW of 79.7kDa according to NP_001610.2). Recommended concentration: 0.3-1.0µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Iaccarino G, Barbato E, Cipolletta E, De Amicis V, Margulies KB, Leosco D, Trimarco B, Koch WJ. Elevated myocardial and lymphocyte GRK2 expression and activity in human heart failure. Eur Heart J. 2005 Sep;26(17):1752-8. Epub 2005 Jul 29. .PMID: 16055494 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**